

2-WAY,

Waste-gate control Valve

Parker Technical Specification No.: SP052-0

Rev. : 3.0

Date : 2014-3-6

Release by : SH Shin

Functional Specifications:

Valve type	Two-way normally closed
Flow sequence	On/Off - Duty control
Fluid media	Filtered Air : Required maximum particle size: 20µm
Mounting position	Cold side on Engine. The preferred orientation is vertical and upright.
Internal Leakage	Less than 50cc/min. at 6 bar
External Leakage	Less than 2cc/min. at 12 bar



Physical Specifications:

Body/Cover Material	Brass
Seal Material	FKM
Sleeve, Plunger, Spring	Stainless steel, 303, 430Fr, 304
Process Connection	2- 6.4 pi Barb (Inlet / Outlet)

Electrical Specifications:

Operating Voltages	PWM - 31Hz - 24V _{0-P}
Voltage Commonality	DC 24V ±10%
Coil class	Class F

Operating Specifications

Fluid Temperature	-31 to 203°F (-35 to 95°C)
Maximum Operating Pressure	6 bar
Proof Pressure	12 bar

Applications:

The waste gate valve is intended to be used in a system used for a waste-gate valve controlling on CNG or LNG engine vehicle on high way

